



#7/Election
PATENT APPLICATION
JAN 13 2003
R. Ford
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JULY 4 2003
R. Robert
Docket No.: 109594-2800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masahiro KOBAYASHI et al.

Application No.: 09/862,597

Filed: May 23, 2001

Group Art Unit: 2829

Examiner: R. Robert

Docket No.: 109594-2800

For: RESOLVER, RESOLVER FAULT DETECTION CIRCUIT, AND RESOLVER
FAULT DETECTION METHOD

PRELIMINARY AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

In reply to the December 13, 2002 Restriction Requirement, and prior to initial examination on the merits, please amend the above identified application as follows:

IN THE CLAIMS:

Please add new claims 6 and 7 as follows:

--6. The resolver of claim 1, wherein the excitation winding and the output winding being wound around the identical pole of the stator.--

--7. The resolver of claim 1, further comprising a resolver fault detection circuit, wherein the resolver fault detection circuit comprises:

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a difference voltage detection circuit for obtaining a difference voltage between a first output voltage, between one of the opposite end terminals of the output winding of the resolver and the middle point, and a second output voltage, between the other one of the opposite end terminals of the output winding and the middle point; and